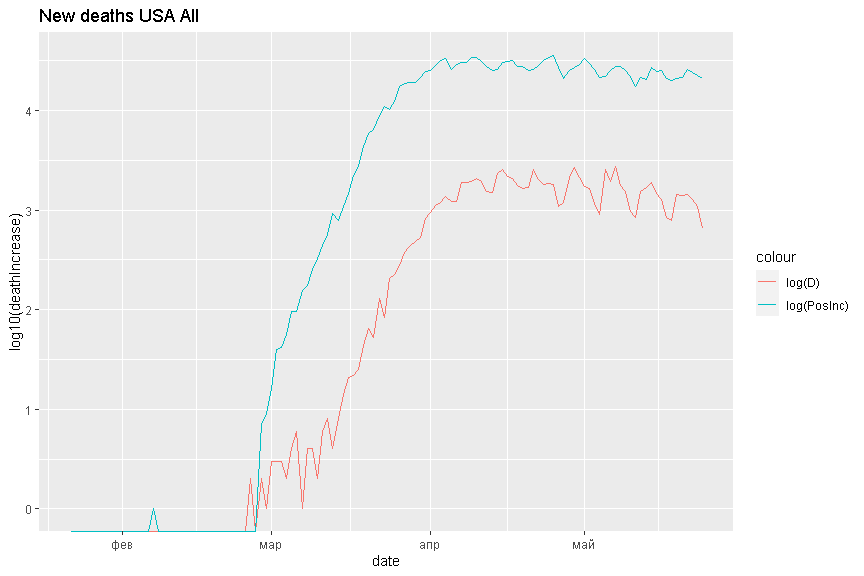
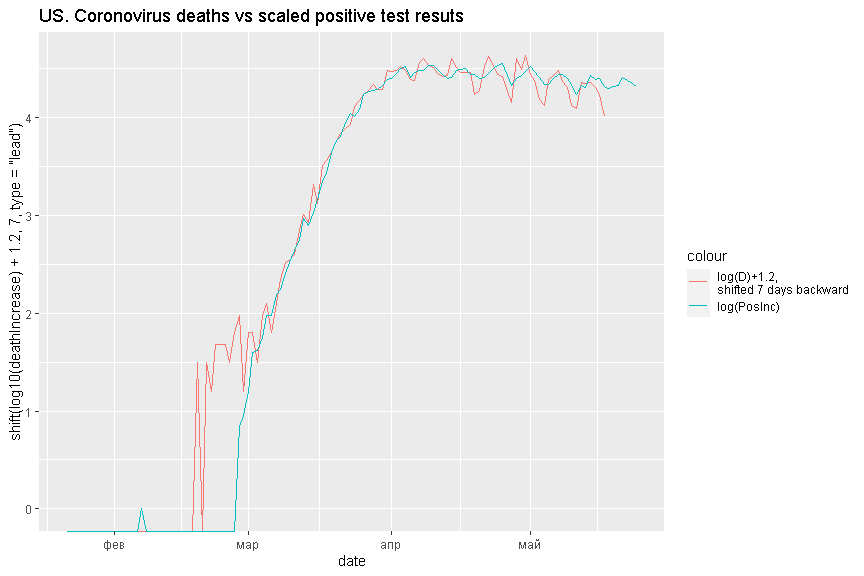
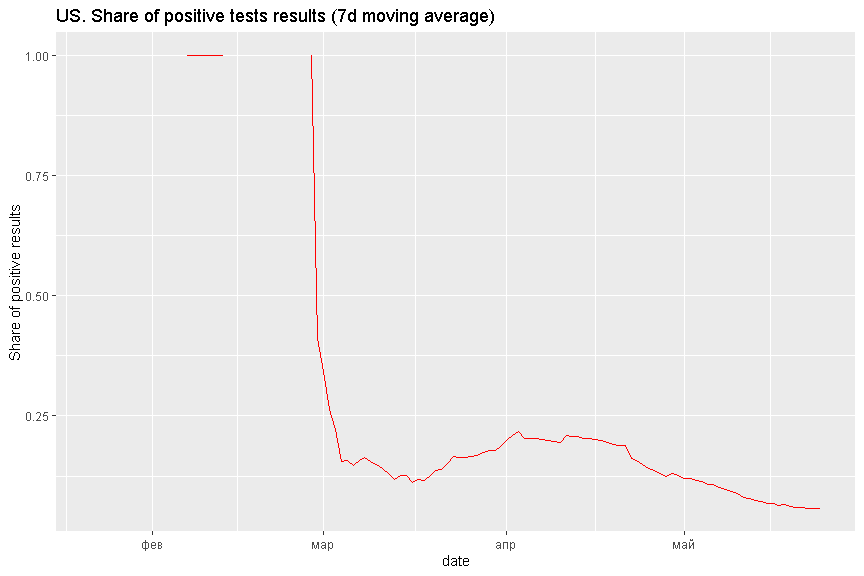
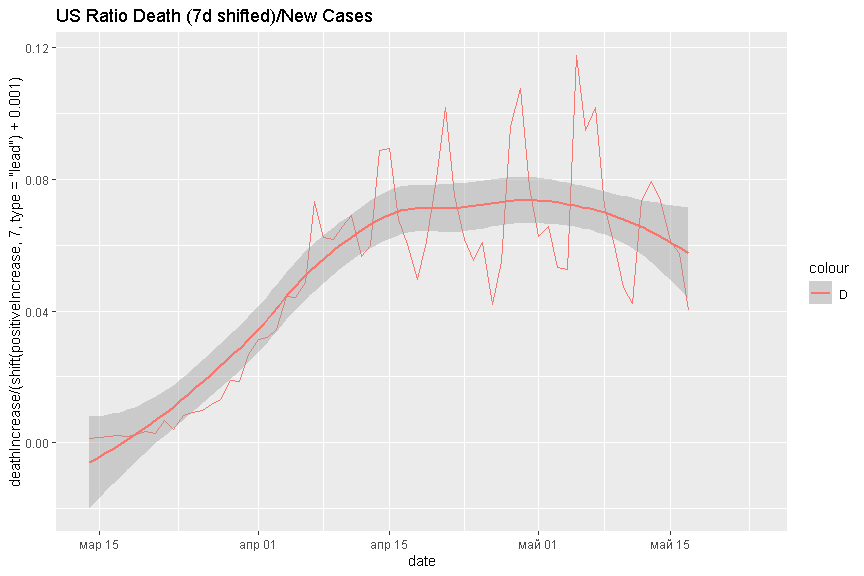
Correlations in US Covid daily variables









Определение лага

##   
## Call:  
## lm(formula = deathIncrease ~ 0 + shift(positiveIncrease, 5) +   
## shift(positiveIncrease, 7) + shift(positiveIncrease, 10),   
## data = data1)  
##   
## Residuals:  
## Min 1Q Median 3Q Max   
## -504.67 -224.64 -84.68 102.49 1000.84   
##   
## Coefficients:  
## Estimate Std. Error t value Pr(>|t|)   
## shift(positiveIncrease, 5) 0.048349 0.008779 5.507 8.36e-07 \*\*\*  
## shift(positiveIncrease, 7) 0.033144 0.009364 3.540 0.000789 \*\*\*  
## shift(positiveIncrease, 10) -0.020127 0.007376 -2.729 0.008363 \*\*   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## Residual standard error: 312.4 on 59 degrees of freedom  
## (10 observations deleted due to missingness)  
## Multiple R-squared: 0.9639, Adjusted R-squared: 0.962   
## F-statistic: 524.5 on 3 and 59 DF, p-value: < 2.2e-16

## Analysis of Variance Table  
##   
## Response: deathIncrease  
## Df Sum Sq Mean Sq F value Pr(>F)   
## shift(positiveIncrease, 5) 1 152205790 152205790 1559.4328 < 2.2e-16 \*\*\*  
## shift(positiveIncrease, 7) 1 657459 657459 6.7360 0.011904 \*   
## shift(positiveIncrease, 10) 1 726801 726801 7.4465 0.008363 \*\*   
## Residuals 59 5758595 97603   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1